

ABSTRACT

The modular security safe with offset security bolt box of the present invention includes a number of modular panels which serve as the top, bottom, and sides of the safe. The modular panels of the safe are cast in a plastic or metal mold with high-density concrete reinforced by expanded metal. The modular panels included outer portions and stepped or rabbeted inner portions. The panels are formed from a sheet of material bent to a desired form. Concrete is poured in to the panel, in a single pour step. The panel is vibrated to allow the concrete to settle, and the concrete is allowed to set. The outer surface can then be covered with a desired laminate. The panels have security bolt boxes attached by bolts to the inner portions thereof. Security bolt boxes comprise a tray having a bottom and upstanding walls, and they can be formed by bending a single sheet of material. The modular side panels are attached to the top and bottom panels by bolts extending through the security bolt boxes. This results in a construction where the bolts are offset from the seams of the safe and therefore, the bolts, and the safe, are not subject to easy attack.

In another embodiment, the security bolt box of the present invention includes top, bottom and side panels for form a safe. Opposing side panels have security bolt boxes attached thereto. The security bolt boxes each comprise a tray having a bottom and upstanding walls and can be formed by bending a single sheet of material. The top, bottom and back panels are interconnected with the side panels by bolts extending through the security bolt boxes into the top, bottom and back panels. In a further embodiment, multiple panels are interconnected by a filler panel and security boxes to allow for the expandability of a safe to a larger size, such expansion being capable of accomplished in situ.